

CLAIMS

What is claimed is:

1. A personal hand held terminal system, comprising:
a USB mass storage driver;
a data sync driver;
a USB interface interfacing data with a USB host;
an input section receiving a system switchover command from a user to cause the USB host to selectively recognize the system as a USB mass storage or a data sync client; and
a control section selectively loading the data sync driver or the USB mass storage driver according to the system switchover command input through the input section, and controlling the system to transmit/receive the data to/from the USB host by the loaded driver and the USB interface.
2. The personal hand held terminal system of claim 1, wherein the control section loads the data sync driver, if a data transmission/reception request is delivered from the USB host based on a data sync module specification while the system is selected to operate as the USB mass storage.
3. The personal hand held terminal system of claim 1, wherein the control section forcibly terminates the loaded USB mass storage driver, if a data transmission/reception request is delivered from the USB host based on a data sync module specification while the system is selected to operate as the USB mass storage.
4. A method of interfacing information of a personal hand held terminal system, comprising:
loading a preset USB mass storage driver, if a system/USB mass storage switchover command is input; and
interfacing data with a USB host via the USB mass storage driver, if a data transmission/reception request is delivered from the USB host according to a USB mass storage specification.

5. The method of claim 4, further comprising:
loading a preset data sync driver, if a data transmission/reception request is delivered from the USB host based on a data sync driver specification while the USB mass storage driver is loaded; and
interfacing the data with the host via the loaded data sync driver.
6. The method of claim 5, wherein the data sync driver is loaded after terminating the loaded USB mass storage driver.
7. A personal hand held terminal system, comprising:
a USB mass storage driver;
a data sync driver;
a USB interface interfacing data with a USB host; and
a control section selectively loading the USB mass storage driver or the data sync driver according to a data transmission/reception specification request from the USB host, and
interfacing data with the USB host via the loaded driver and the USB interface.
8. A personal digital assistant, comprising:
a USB interface; and
a USB data driver selecting unit selectively loading USB data drivers in response to a data interface specification request and transmitting/receiving data to/from a USB host via the selected USB data driver driving the USB interface.
9. The personal digital assistant of claim 8, wherein the USB data drivers comprise a USB mass storage data driver and a data sync driver; and
the USB data driver selecting unit selects loading the USB mass storage data driver and/or the data sync driver in response to a user input data interface request or the USB host request, and transmits/receives the data to/from the USB host via the loaded USB data drivers driving the USB interface.
10. The personal digital assistant of claim 8, wherein the USB data drivers comprise a USB mass storage data driver and a data sync driver; and

the USB data driver selecting unit operates the assistant in a USB mass storage mode or in a personal hand held terminal mode according to the respective USB data drivers loaded.

11. A personal digital assistant, comprising:
a USB interface; and
a programmed computer processor controlling the assistant according to a process of:
loading a USB mass storage data driver,
determining if a data sync transmission/reception request is received from a USB host over the USB interface,
unloading the USB mass storage data driver, if determined that the data sync transmission/reception request is received,
loading a data sync driver, and
transmitting/receiving data to/from the USB host via the loaded data sync driver over the USB interface.

12. The personal digital assistant of claim 10, wherein the programmed computer processor further controls the personal digital assistant according to a process of:
determining if a USB mass storage transmission/reception request is received from the USB host over the USB interface;
unloading the data sync driver, if determined that the USB mass storage transmission/reception request is received;
loading the USB mass storage data driver; and
transmitting/receiving data to/from the USB host via the loaded data sync driver over the USB interface.